

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

JK

November 30, 2004

TO: Internal File

FROM: Karl R. Houskeeper, Environmental Scientist III/Team Lead *KRH by an*

RE: Updated Surface Facility Map, Genwal Resources, Inc., Crandall Canyon Mine, C/015/0032, Task ID #2064

SUMMARY:

Genwal Resources, Inc. submitted an application for a permit change on November 15, 2004 to the Division. The Permit change is an updated Surface Facilities Map (Plate 5-3). The changes are to incorporate the changes in the upper pad/coal storage pad area that occurred when the South Portals were constructed. The area has been surveyed and the map updated accordingly.

The Surface Facilities Map (Plate 5-3) also shows three new buildings that are being used by the portal contractors. The letter indicated that the buildings are temporary and that if the buildings are to remain a new application for a permit amendment will be submitted to address the reclamation cost and bond.

TECHNICAL MEMO

TECHNICAL ANALYSIS:

OPERATION PLAN

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Mining Facilities Maps

Plate 5-3 is the Surface Facilities Map contained in the approved mining and reclamation plan. Revisions to this map have been made to reflect material placement in the upper pad/coal storage pad. The revisions were made using survey data taken on the pad areas. This item is a follow up item connected to the South Portal construction that was initiated in 2002.

Certification Requirements

The certification requirements are met. Plate 5-3 is certified. This certification is by a registered professional engineer in the State of Utah.

Findings:

The minimum requirements of this section have been met.

RECOMMENDATIONS:

This amendment should be approved, since the requirements have been met.